

**Appendix B to Subpart D of Part 1021 --
Categorical Exclusions Applicable to
Specific Agency Actions**

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**[B1 Categorical exclusions applicable to
facility operation](#)**

B1.1 Rate increases less than inflation (not power marketing, but see B4.3)
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B1.2 Training exercises and simulation

B1.3 Routine maintenance/custodial services for buildings, structures, infrastructures, equipment

B1.4 Installation/modification of air conditioning systems for existing equipment

B1.5 Improvements to cooling water systems within existing building, structure

B1.6 Installation/modification of retention tanks, small basins to control runoff, spills

B1.7 Acquisition/installation/operation/removal of communication systems, data processing equipment

B1.8 Modifications to screened water intake/outflow structures

B1.9 Placement of airway safety markings/painting (not lighting) of existing lines, antennas

B1.10 Routine onsite storage of activated material at existing facility

B1.11 Fencing, no adverse effect on wildlife movement/surface water flow

B1.12 Detonation/burning of failed/damaged high explosives or propellants

B1.13 Construction/acquisition/relocation of onsite pathways, short onsite access roads/railroads

B1.14 Refueling of a nuclear reactor

B1.15 Siting/construction/operation of support buildings/support structures

B1.16 Removal of asbestos from buildings

B1.17 Removal of polychlorinated biphenyl-containing items from buildings, other aboveground locations

B1.18 Siting/construction/operation of additional/replacement water supply wells

B1.19 Siting/construction/operation of microwave/radio communication towers

B1.20 Protect/restore/improve fish and wildlife habitat

B1.21 Noise abatement

B1.22 Relocation of buildings

B1.23 Demolition/disposal of buildings

B1.24 Transfer of structures/residential, commercial, industrial use

B1.25 Transfer of land/habitat preservation, wildlife management

B1.26 Siting/construction/operation/decommissioning of small water treatment facilities, less than approximately 250,000 gallons per day capacity

B1.27 Disconnection of utilities

B1.28 Minor activities to place a facility in an environmentally safe condition, no proposed uses

B1.29 Siting/construction/operation/decommissioning of small onsite disposal facility for construction and demolition waste

B1.30 Transfer actions

B1.31 Relocation/operation of machinery and equipment

B1.32 Traffic flow adjustments, existing roads

**[B2 Categorical exclusions applicable to
safety and health](#)**

B2.1 Modifications to enhance workplace habitability

B2.2 Installation of/improvements to building/equipment instrumentation (remote controls, emergency warning systems, monitors)

B2.3 Installation of equipment for personnel safety and health

B2.4 Equipment Qualification Programs

B2.5 Safety and environmental improvements of a facility, replacement/upgrade of facility components

B2.6 Packaging/transportation/storage of radioactive sources upon request by the Nuclear Regulatory Commission or other cognizant agency

**[B3 Categorical exclusions applicable to site
characterization, monitoring, and general research](#)**

B3.1 Site characterization/environmental monitoring

B3.2 Aviation activities for survey/monitoring/security

B3.3 Research related to conservation of fish and wildlife

B3.4 Transport packaging tests for radioactive/hazardous material

B3.5 Tank car tests

B3.6 Siting/construction/operation/decommissioning of facilities for bench-scale research, conventional laboratory operations, small-scale research and development and pilot projects

B3.7 Siting/construction/operation of new infill exploratory, experimental oil/gas/geothermal wells

B3.8 Outdoor ecological/environmental research in small area

B3.9 Certain Clean Coal Technology Demonstration Program activities

B3.10 Siting/construction/operation/decommissioning of particle accelerators, including electron beam accelerators, primary beam energy less than approximately 100 MeV

B3.11 Outdoor tests, experiments on materials and equipment components, no source, special nuclear, or byproduct materials involved

B3.12 Siting/construction/operation/decommissioning of microbiological and biomedical facilities

B3.13 Magnetic fusion experiments, no tritium fuel use

B4 Categorical exclusions applicable to Power Marketing Administrations and to all of DOE with regard to power resources

B4.1 Contracts/marketing plans/policies for excess electric power.

B4.2 Export of electric energy.

B4.3 Electric power marketing rate changes, within normal operating limits.

B4.4 Power marketing services within normal operating limits

B4.5 Temporary adjustments to river operations within existing operating constraints

B4.6 Additions/modifications to electric power transmission facilities within previously developed area.

B4.7 Adding/burying fiber optic cable

B4.8 New electricity transmission agreements for transfer of power

B4.9 Multiple use of DOE transmission line rights-of-way

B4.10 Deactivation, dismantling and removal of electric powerlines and substations.

B4.11 Construction or modification of electric power substations.

B4.12 Construction of electric powerlines approximately 10 miles in length or less, not integrating major new sources.

B4.13 Reconstruction and minor relocation of existing electric powerlines approximately 20 miles in length or less.

B5 Categorical exclusions applicable to conservation, fossil, and renewable energy activities

B5.1 Actions to conserve energy

B5.2 Modifications to oil/gas/geothermal pumps and piping

B5.3 Modification (not expansion)/abandonment of oil storage access/brine injection/gas/geothermal wells, not part of site closure

B5.4 Repair/replacement of sections of pipeline within maintenance provisions

B5.5 Construction/operation of short crude oil/gas/steam/geothermal pipeline segments

B5.6 Oil spill cleanup operations

B5.7 Import/export natural gas, no new construction

B5.8 Import/export natural gas, new cogeneration powerplant

B5.9 Temporary exemption for any electric powerplant

B5.10 Certain permanent exemptions for any existing electric powerplant

B5.11 Permanent exemption for mixed natural gas and petroleum

B5.12 Workover of existing oil/gas/geothermal well

B6 Categorical exclusions applicable to environmental restoration and waste management activities

B6.1 Small-scale, short-term cleanup actions under RCRA, Atomic Energy Act, or other authorities

B6.2 Siting/construction/operation of pilot-scale waste collection/treatment/stabilization/containment facilities

B6.3 Improvements to environmental control systems

B6.4 Siting/construction/operation/decommissioning of facility for storing packaged hazardous waste for 90 days or less

B6.5 Siting/construction/operation/decommissioning of facility for characterizing/sorting packaged waste, overpacking waste

B6.6 Modification of facility for storing, packaging, repacking waste (not high-level, spent nuclear fuel)

B6.7 Granting/denying petitions for allocation of commercial disposal capacity

B6.8 Modifications for waste minimization/reuse of materials

B6.9 Small-scale temporary measures to reduce migration of contaminated groundwater

B6.10 Siting/construction/operation/decommissioning of small upgraded or replacement waste storage facilities

B7 Categorical exclusions applicable to international activities

B7.1 Emergency measures under the International Energy Program

B7.2 Import/export of special nuclear or isotopic materials